L 39468-65 EWT(m)/EWP(t)/EWP(b) JD

ACCESSION NR: AP4047871 S/0279/64/000/005/0066/0078

AUTHOR: Vigdorovich, V. N. (Moscow); Vol'pyan, A. Ye. (Moscow)

TITLE: Distribution of impurities in zone refining of ingots with variable cross sections

SOURCE: AN SSSR. Izvestiya. Metallurgiya i gornoye delo, no. 5, 1964, 66-78

TOPIC TAGS: zone refining, impurity distribution, ingot form, mathematical description

ABSTRACT: A general equation for the distribution of impurities in zone recrystallization was developed accepting the Pfann assumptions (V. Dzh. Pfann. Zonnaya plavka. Metallurgizdat, 1960) of ideal mixing in the melt, absence of composition leveling in the crystallized portion, uniformity of density in the crystallized material and uniformity in the distribution coefficient. However, changes in the volume of the molten zone were taken into account since the effectiveness of the purification is determined by changes in impurity concentration in the molten zone. The impurity distribution in zone refining of ingots with linearly changing molten zone volume was discussed. The form of an ingot in which the

Card 1/2

L 39468-65

ACCESSION NR: AP4047871

volume of the molten zone changed linearly was determined, and the possibility of replacing linear ingots with other ingots with equivalent indices was investigated. The characteristics of impurity distribution associated with changes in the form of the ingots due to mass transfer (different specific volumes in the liquid and solid states) were analyzed. Expressions were obtained for the overall distribution of impurities in zone refining of ingots with variable cross sections. Orig. art. has: 6 figures and 63 equations.

ASSOCIATION: None

SUBMITTED: 11Feb64 ENCL: 00 SUB CODE: MM

NR REF SOV: 001 OTHER:004

Card 2/2

L 45458-65 EWT(m)/EWP(t)/EWP(b) JD

ACCESSION NR: AP5009266 UR/0370/65/000/001/0088/0096

13
16
B

AUTHOR: Vigdorovich, V. N. (Moscow); Vol'pyan, A. Ya. (Moscow)

TITLE: Use of zone recrystallization for ingots of variable cross section

SOURCE: AN SSSR. Izvestiya. Metally, no. 1, 1965, 88-96

TOPIC TAGS: ingot cross section, foundry technology, zone recrystallization, cast bismuth, recirculation cascade, ingot purification

ABSTRACT: The purpose of this article was to report an experimental check of calculations and to make recommendations on the practical use of zone recrystallization for ingots of variable cross section. The starting material was bismuth containing (in wt. %) 1.0×10^{-4} Cu, 1.0×10^{-4} Ag, 1.0×10^{-3} Ni, and 6.0×10^{-3} Pb. The distribution of these impurities was studied after a small (3) and a large (10) number of passes of the zone. A spectral method was used for the analysis. The data obtained confirm the calculated data. After the recrystallization of ingots with a narrowing cross section, the purification was greater than in ordinary or expanding ingots. A diagram of 84 variants of the use of ingots of variable cross section is given. In order to combine the advantages of narrowing and expanding ingots, the authors recommend the recircula-

Card 1/2

L 45458-65 3

ACCESSION NR: AP5009266

tion cascade method, which is also illustrated with diagrams. "G. N. Zotova and Yu. F. Nikitina participated in the experiments, and V. P. Mal'tseva carried out the determinations." Orig. art. has: 5 figures and 9 tables.

ASSOCIATION: None

SUBMITTED: 21Mar64 ENCL: 00 SUB CODE: MM

NO REF SOV: 001 OTHER: 001

Card 2/2

L 58283-65 EWT(l)/EWP(e)/EPA(s)-2/EWT(m)/EPR/EEC(t)/EWP(t)/EWP(k)/EWP(z)/EWP(b)
Pf-4/Ps-4/Pt-7/Pl-4 IJP(c) JD/GG
ACCESSION NR: AP5015424 UR/0020/65/162/004/0839/0842

54
B

AUTHOR: Gindin, L. G.; Vol'pyan, A. Ye.; Galkin, I. F.; Gul', V. Ye.

TITLE: New data on the electrical breakdown of aluminum suspensions in dielectrics

21

SOURCE: AN SSSR. Doklady, v. 162, no. 4, 1965, 839-842

TOPIC TAGS: dielectric breakdown, aluminum suspension, aluminum dielectric, aluminum oxide

ABSTRACT: To provide a phenomenological description of the process by which aluminum in suspensions is converted from a dielectric (due to its oxidized surface layer) to a conductor, the authors took motion pictures of the principal stages of this process. The pictures were taken continuously at the rate of one frame every 4 sec. The aluminum powder particles, ranging in size from fractions of one micron to several microns (peak of distribution curve at 1 μ), were dispersed in B-70 aviation gasoline. Aluminum powders impregnated with B-70 (into which the electrodes were inserted) were also studied. Photographs representative of the principal stages are illustrated and described. In addition, the authors investigated the fundamental problems of the structure of the bridge formed by the aluminum particles and the nature of the forces which form it and hold it together. To this end, oscil-

Card 1/3

L 58283-65
ACCESSION NR: AP5015424

lations of the current and voltage of the bridges were recorded, and the current-voltage characteristics of the bridge were plotted (see Fig. 1 of the Enclosure). The hysteresis loop arises from a structural rearrangement of the bridge. The observed deviations from Ohm's law were attributed to the evolutions of Joule heat. The results confirm an earlier hypothesis that the bonding between the individual links of the bridge is metallic and that when breakdown occurs the aluminum particles are welded to one another. Furthermore, the oscillograms indicate that when the current passes through the bridge, a major part is played by the forces of the electric field which continuously restore the broken contact between the links of the bridge and give it a degree of stability. Orig. art. has: 2 figures, 2 tables, and 3 formulas. [C8]

ASSOCIATION: none

SUBMITTED: 18Dec64 ENCL: 01 SUB CODE: IC, EM

NO REF SOV: 003 OTHER: 002 ATD PRESS: 4037

Card 2/3

L 58283-65
ACCESSION NR: AP5015424

ENCLOSURE: 01

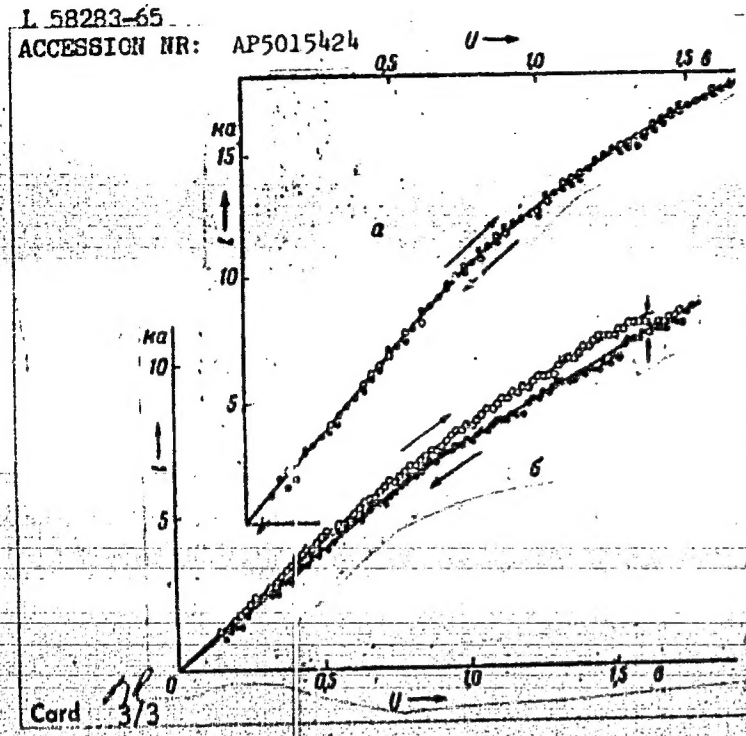


Fig. 1. Current-voltage characteristics of aluminum bridges

a - Without hysteresis loop; b - with hysteresis loop.

Card 3/3

L 21191-66 EWT(l)/EWP(e)/EWT(m)/EWP(t)/EWP(k) IJP(c) JD
ACC NR: AP6008052 SOURCE CODE: UR/0020/66/166/004/0894/0896

AUTHOR: Vol'pyan, A. Ye.; Gindin, L. G.; Gul', V. Ye.

ORG: All-Union Correspondence Polytechnic Institute (Vsesoyuznyy zaochnyy politekhnicheskiy institut)

TITLE: Behavior of copper suspensions and powders in a constant electric field

SOURCE: AN SSSR. Doklady, v. 166, no. 4, 1966, 894-896

TOPIC TAGS: copper, electric conductivity, powder metal property, semiconducting film

ABSTRACT: Powdered electrolyte copper particles (2-15 μ) oxidized in air and covered with a film of semiconducting Cu_2O were suspended in B-70 airplane gasoline and the conductivity of the suspension in a constant electric field was studied. The volt-ampere characteristic obtained showed that the conductivity of the system increases smoothly with the field strength as is typical of semiconductors in strong electric fields. The conductivity was due to the contact between the individual

UDC: 54.148

Card 1/2

L 21191-66
ACC NR: AP6008052

copper particles coated with Cu_2O. The critical voltage (value at which breakdown occurs) was found to be directly proportional to the thickness of the oxide film. This relationship can be used in rapid methods for determining the degree of oxidation of metal powders. In order to show that the conducting structures in powders do not differ from those observed in suspensions, the conductivity of copper powder immersed in gasoline was studied as a function of the depth of immersion of the electrodes; the volume of powder between the electrodes was proportional to the depth. It was found that the conductivity of the oxidized copper powder before breakdown and that of deoxidized copper powder is approximately proportional to the immersion depth whereas the conductivity of oxidized powder after breakdown is independent of the volume of powder between the electrodes. Hence, in the first and second case three-dimensional conducting structures are formed, but in the third case, a bridge is produced. The paper was presented by Academician A. A. Balandin on 6 July 1965. Orig. art. has: 3 figures.

SUB CODE: 11/ SUBM DATE: 05Jul65/ ORIG REF: 006/ OTH REF: 000

Card 2/2 dda

L 05130-67 EWP(k)/EWT(m)/EWP(c)/EWP(w)/EWP(t)/ETI IJP(c) WE/DS/WW/JD/RW/JG

ACC NR: AP6027736 SOURCE CODE: UR/0020/66/169/004/0865/0867

AUTHOR: Gindin, L. G.; Vol'pyan, A. Yo.; Galkin, I. F.

ORG: All-Union Correspondence Polytechnic Institute (Vsesoyuznyy zaochnyy politekhnicheskiy institut)

TITLE: Structuralization of suspensions and powders of certain metals in a constant electric field

SOURCE: AN SSSR. Doklady, v. 169, no. 4, 1966, 865-867

TOPIC TAGS: powder metal, dielectric breakdown, ELECTRIC FIELD, ELECTRIC CONDUCTIVITY,

ABSTRACT: Suspensions in gasoline (B-70) and gasoline-immersed powders of Fe, Ni, Co, Cr, Mo, W, Sb, Bi, Sn, Pb and Ag were studied in a constant electric field. All the metal particles were oxidized as a result of prolonged contact with air. On the basis of the behavior of their disperse systems, the metals studied are divided into four groups: (1) Pb, Bi; (2) Fe, Co, Ni, Cr, W, Mo; (3) Sn, Zn; (4) Ag, Sb. The differences between the first three groups are shown in Fig. 1, where the first group is represented by lead. The conductivity of lead up to the breakdown was too low to be measured, and became high only after the breakdown (indicated by a broken line). The second group is represented by Fe and Co, whose structures in relatively weak fields (up to the breakdown) display a conductivity obeying Ohm's law, and as the field increases, a conductivity characteristic of thin semiconducting films in strong fields.

Card 1/3 UDC: 54-148

Breakdown occurs after $E \geq E_{cr}$ is reached. The third group is characterized by a still greater increase of conductivity with rising E: whereas in Fe and Co the currents preceding the breakdown are 10^{-6} A, they amount to $\sim 10^{-3}$ A in Zn and Sn. In general, the behavior of suspensions and powders of the metals studied is determined by the nature and primarily by the conductivity of their oxide films. The formation of structures in the electric field is due to polarization forces of the particles, this polar-

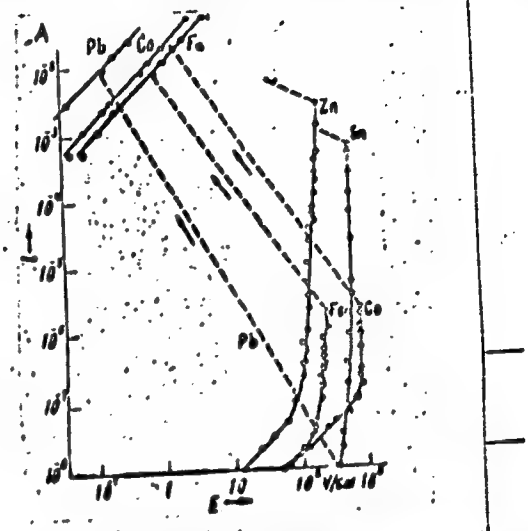


Fig. 1. Volt-ampere characteristics of structures in Fe, Fe, Co, Zn and Sn powders (broken lines indicate breakdown leading to the formation of a bridge).

Card 2/2

L 05130-67

ACC NR: AM6027736

ization in turn being related to the conductivity of the surface oxides. A conductivity low enough to promote the formation of more or less stable structures up to the breakdown is shown by oxides of the metals of the first three groups. The paper was presented by Academician Rebinder, P. A., 11 Dec 65. Authors thank Prof. V. Yo. Gul' for his steady interest in this work and for discussing its results. Orig. art. has: 2 figures.

SUB CODE: 07,11,20/ SUBM DATE: 04Oct65/ ORIG REF: 010/ OTH REF: 004

Card 3/3

SHESAREV, K. A.; VOL'PYAN, B. L.

Wood - Moisture

New method for determing moisture in resinbearing chips,
Der. i lesekhim. prom. 1 No. 9, 1952

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

KHEVELEV, E.M.; KRIVTSOV, K.S., kand. arkhitektury, nauchnyy red. Prinimali uchastiye: BOGDANOV, I.M., inzh.; LOYKONEN, V.F., inzh.; VOLPYAN, B.L., inzh.; DAVIDOVICH, L.N., kand. tekhn. nauk, retsenzent; DENISOV, Yu.M., red.; ROZOV, L.K., tekhn. red.

[Design of city garages] Proektirovanie gorodskikh garazhei. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 183 p. (MIRA 14:10)

(Garages)

YANOVSKIY, A.G., inzh.; VOLPYAN, G.A., inzh.; YEVINA, Ye.I., inzh.; SEGEDINOV, A.A., inzh.; SKRITSKAYA, I.M., inzh.; KHEGA, A.I., inzh. KHLYSTOV, I.I., inzh.

Municipal engineering facilities. Gor. khoz. Mosk. 35 no. 3:31-41 Mr '61. (MIRA 14:5)

(Moscow--Municipal services)

VOLPYAN, Georgiy Abramovich; IVANCHUKOV, A.F., nauchn. red.; ZHIVOV, M.S., nauchn. red.; SOROKINA, M.I., red.

[Industrial training of powerhouse electricians; concise methodological instructions] Proizvodstvennoe obuchenie elektromonterov remontnikov; kratkie metodicheskie ukazaniia. Moskva, Vysshaia shkola, 1964. 162 p. (MIRA 18:1)

VARTANOV, G.L., inzh.; SEREBRYAKOV, V.M., inzh.; VOLFYAN, G.A., nauchnyy red.; ZVORYKINA, L.N., red. izd-va; MIKHEYEVA, A.A., tekhn. red.

[Indoor electrical wiring operations] Vnutrennie elektromontazhnye raboty. Izd.2., perer. Moskva, Gosstroiizdat, 1962. 211 p. (MIRA 15:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
(Electric wiring, Interior—Handbooks, manuals, etc.)

POLYAKOV, Georgiy Yevgen'yevich; VOLPYAN, G.A., nauchnyy red.; CHISLOV, M.M., red.; KOZLOVSKAYA, M.D., tekhn. red.

[Construction of electric substations, power plants, and power distribution lines] Ustroistvo elektricheskikh stantsii, podstantsii i linii elektroperedachi. Moskva, Vses.uchebno-pedagog. izd-vo Proftekhizdat, 1961. 342 p. (MIRA 14:12)
(Electric substations) (Electric power plants)
(Electric power distribution)

VOLPYAN, G.A., inzh.

Bringing electric power into everyday life; some problems in increasing the use of electric equipment in everyday life and the municipal economy of Moscow. Gor. khoz.Mosk. 36 no.3:39-40 Mr '62. (MIRA 15:6)

1. Institut general'nogo plana Moskvy.
(Moscow--Electric power)

VOL'PYAN, I.C.

22085 Vol'pyan, I. C. Penitsillinoterapiya vospalitel'nykh zabolevaniy mochepolovykh organov. V. sb: penitsillinoterapiya. M., 1949, s. 151-75

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

VOLPYAN, N.L.; MATYSYAK, V.G.

Late results in the conservative treatment of suppurative mastitis. Vop. okh. mat. i det. 6 no.4:54-58 Ap '61. (MIRA 14:6)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. M.A.Petrov-Maslakov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

(BREAST--DISEASES)

VOL'PYAN, V.G

VOL'PYAN, V.G.

Radiopomekhni na samolete i sposoby bor'by s nimi; pod red. P.I. Petrova. Moskva, Red. izd. otdel Aeroflota, 1943. 23 p., (Nauchnoissledovatel'skiĭ institut samoletnogo oborudovaniia. Trucy)

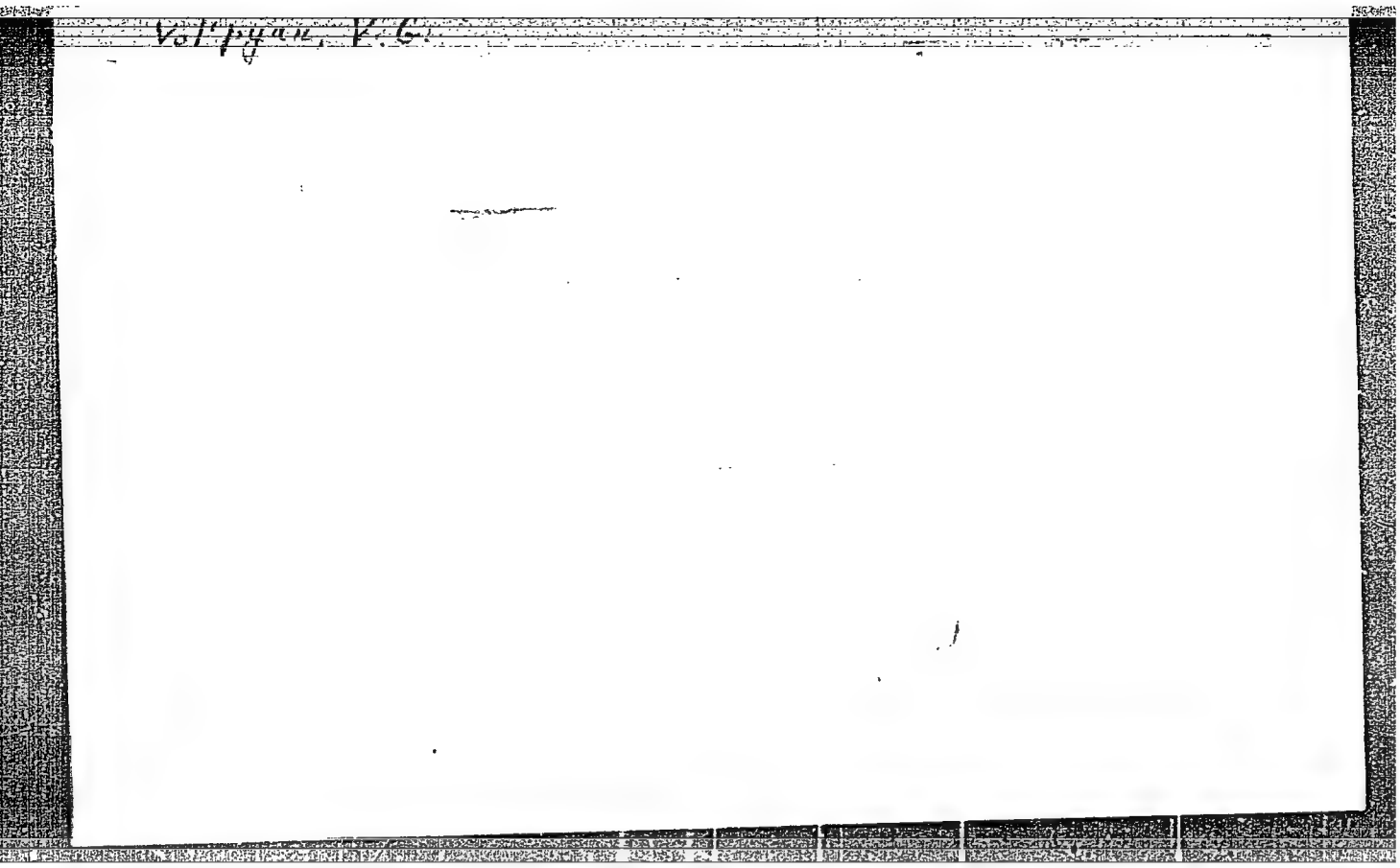
Title tr.: Means of radio interference prevention.

TL694.T6V6

SO: Aeronautical Sciences and Aviation in the SovietUnion, Library of Congress, 1955.

VOL'PYAN, V.G.; DANICH, Yu.S.

Analysis and methods for calculating selective systems with smoothly regulated passband and constant phase-frequency characteristic. Elektrosviaz' 19 no. 12:34-41 D '65 (MIRA 19:1)



VOL'PYAN, V.G.; SHLOMA, A.M.

Band filters with different passband and equal phase-frequency characteristics. Elektrosviaz' 17 no.12:14-22 D '63. (MIRA 17:2)

L 29243-66 EWT(d)/FSS-2

ACC NR: AP6019341 SOURCE CODE: UR/0106/65/000/012/0034/0041

24
B

AUTHOR: Vol'pyan, V. G.; Danich, Yu. S.

ORG: none

TITLE: Analysis and calculation of selection systems with a smoothly varying passband and a constant phase-frequency characteristic

SOURCE: Elektrosvyaz', no. 12, 1965, 34-41

TOPIC TAGS: frequency selection, electronics

ABSTRACT: Earlier papers (see e.g., V. G. Vol'pyan, A. M. Shloma, Elektrosvyaz' [Electrical Communications], no. 6, 1964) studied the synthesis of selection systems with controllable passbands. The present article analyzes the possible frequency-amplitude and phase-frequency characteristics of section systems representing systems with nonminimal phase. The general theoretical presentation of relationships obtained during the synthesis of the selection systems is followed by analysis of the various characteristics. The authors estimate the possible instability of the phase-frequency characteristics during a smooth control of the passband. A general method for the calculation of the above mentioned system is also given. Orig. art. has: 8 figures and 10 formulas. [JPRS]

SUB CODE: 09 / SUBM DATE: 02Dec64 / ORIG REF: 003

Card 1/1 CC

UDC: 621.372.541.001.24

L 21306-66 EWT(d)/FSS-2
ACC NR: AP6004349 SOURCE CODE: UR/0108/65/020/010/0009/0020

AUTHOR: Vol'pyan, V. G. (Active member)

ORG: Scientific and Technical Society of Radio Engineering and Electrocommunication (Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi)

TITLE: Selective minimum-phase circuits with controllable passband and small deviation of phase-frequency characteristic [Report at the All-Union Scientific Conference, NTORiE, 1962]

SOURCE: Radiotekhnika, v. 20, no. 10, 1965, 9-20

TOPIC TAGS: radio reception, signal noise separation

ABSTRACT: Phase-sensitive radio-reception systems with controllable passband are considered. This general principle for ensuring a small deviation of the phase-frequency characteristic when the passband is controlled is formulated: In minimum-phase controllable-passband circuits, a small deviation of the phase-frequency characteristic, within a narrow passband, can be realized if the passband broadening is accompanied with a steeper slope of the logarithmic amplitude-frequency

Card 1/2 UDC: 621.391

characteristic outside the band. A cascade of resonant single or coupled circuits can serve as a simplest realization of the above principle; the band can be controlled by turning on and off the individual stages of a resonant amplifier whose circuits have different Q-factors. Asymptotic amplitude-frequency and phase-frequency characteristics of the above cascade are represented by a horizontal line and by a descending line passing through zero at the resonance frequency, respectively: they differ from the known asymptotic characteristics for which the phase jumps from $+\infty$ to $-\infty$ at the resonance frequency. When the number of cascade circuits increases from 1 to n, the passband broadens by $\sqrt{n}/1.2$ times for single circuits and by $\sqrt[4]{n^3}/1.1$ for coupled circuits. Design formulas corresponding to the above theory were verified by experiments involving a change from one circuit to a 3-coupled-circuit cascade. "The author wishes to thank Assistant Ye. I. Shenina and Engineers V. I. Pronin, Yu. V. Paylenko who took part in the experiments and calculations."
Orig. art. has: 15 figures, 73 formulas, and 1 table.

SUB CODE: 09 / SUBM DATE: 22Jan65 / ORIG REF: 000 / OTH REF: 001

VOL'PYAN, V.G.; SHLOMA, A.M.

Synthesis of selective systems with different passbands and the same phase-frequency characteristics. Elektrosviaz' 18 no.6:19-28 Je '64. (MIRA 18:1)

ACCESSION NR: AP5013030 UR/0106/65/000/005/0020/0029
621.372.57

AUTHOR: Vol'pyan, V. G.; Shloma, A. M.

TITLE: Synthesizing selective systems with a continuously controllable passband and a constant phase-frequency characteristic [Reported at the 19th All-Union Conference of NTORE, May 1963]

SOURCE: Elektrosvyaz', no. 5, 1965, 20-29

TOPIC TAGS: transfer function, selective filter, selective transmission system

ABSTRACT: Methods of finding controlled-parameter transfer functions are considered: the parameter may result in a variation of the amplitude-frequency characteristic with the phase-frequency characteristic constant. It is shown that such transfer functions can be realized by means of active feedback-type quadripoles. The method of synthesis presented in the article permits finding n-th order transfer functions having the same phase but different moduli. Each

Card 1/2

ACCESSION NR: AP5013030

transfer function is distinguished by the fact that it has quadrant-symmetrical zeros. Migration of these zeros in the plane of complex detuning results only in a variation of the modulus. Realization of the transfer functions in the form of electron-tube stages with frequency-dependent feedback permits synthesizing selective filters with a continuously controllable passband and a constant phase-frequency characteristic. The passband is controlled by the tube transconductance which, in turn, is controlled by the grid bias. An experimental verification is mentioned. Orig. art. has: 11 figures and 36 formulas.

ASSOCIATION: none

SUBMITTED: 16Nov64 ENCL: 00 SUB CODE: EC

NO REF SOV: 003 OTHER: 000

Card 2/2

VOL'PYAN, V.G., kandidat tekhnicheskikh nauk.

One input circuit scheme for receivers. Trudy MAI no.65:87-113 '56. (MLRA 9:12)

(Radio--Receivers and reception)
(Radio circuits)

ACCESSION NR: AP4041001 S/0106/64/000/006/0019/0028

AUTHOR: Vol'pyan, V. G.; Shloma, A. M.

TITLE: Synthesis of selective systems having different passbands and identical phase-frequency characteristics [Report at the All-Union Scientific Session of NTO dedicated to the Radio Day, 1963]

SOURCE: Elektrosvyaz', no. 6, 1964, 19-28

TOPIC TAGS: radio communication, phase radio communication, radio signal selection, radio signal phase selection

ABSTRACT: The problem of controlling the passband of a phase-sensitive radio receiver so that its phase-frequency characteristic remains constant is considered. It is proven that on the basis of any n-th-order minimum-phase transfer function, N transfer functions having the same phase but different amplitude-frequency characteristics can be found. The identical-phase transfer

Card 1/2

ACCESSION NR: AP4041001

functions have different passbands; practically, it is possible to synthesize selective systems differing in their passbands by several dozens of times. Materialization of the transfer function in the form of an active quadripole permits compensating the losses in reactance components, thus obviating the usual errors that accompany passive-quadripole synthesis. Experimental verification of the formulas included two filters with 2.5% and 25%-wide (of the resonance frequency) passbands. Orig. art. has: 6 figures, 18 formulas, and 1 table.

ASSOCIATION: none

SUBMITTED: 11Feb64 ENCL: 00

SUB CODE: EC NO REF SOV: 002 OTHER: 002

Card 2/2

VOL'PYAN, V.Y.

On the sensitivity of frequency detectors having resonant circuits.
Radiotekhnika 10 no.10:23-38 O '55. (MLRA 9:1)
(Radio)

SOV/137-58-7-14512

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 83 (USSR)

AUTHOR: Vol'pyan, Ye.G.

TITLE: The Outlook in the Production of Aluminum, Copper, Lead, and Zinc in India (Perspektivy proizvodstva alyuminiya, medi, svintsa i tsinka v Indii)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 21, pp 31-32

ABSTRACT: Data are presented on the manufacture and import of Al and Cu, and the imports of Pb, Zn, and Sn in 1951-1956. The country has 2 aluminum plants of 7,500-t capacity each, but requirements are 25,000 t per year. These plants are being expanded by 5,000-t capacity and a new plant of 10,000-t Al capacity is under construction. There is one copper refinery, of 8,000-t capacity. Cu and Cu-alloy processing plants total 15,000-t capacity. Cu production is by fire refining only. A plant for the production of electrolytic copper is being designed. The production of Pb is 2400 t (Tundu plant in Bakhar state). A dressing mill of 250-t daily capacity producing Pb concentrates for the Tundu plant and Zn concentrates for export is in operation at the Javar Pb-Zn occurrence (3-12% Pb, 5-8% Zn).

Card 1/1

A.P.

1. Aluminum--India 2. Copper--India 3. Lead--India
4. Zinc--India

VOL'PYAN, Ye.G.

Prospects for the development of the production of aluminum, copper, lead, and zinc in India. Biul. TSIIN tsvet. met. no. 21:31-32 '57. (MIRA 11:7)
(India--Nonferrous metals--Metallurgy)

VOL'PYAN, Ye.L., kand.med.nauk; KOFMAN, Ye.A.

Clinical value of the laboratory determination of the sensitivity of a urinary infection to antibiotics. Urologiia 25 no.1:22-27 Ja-F '60. (MIRA 15:6)

1. Iz urologicheskoy kliniki (zav. - prof. I.M. Epshteyn) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(ANTIBIOTICS)
(URINARY ORGANS—DISEASES)

VOL'PYAN, Ye.L., kand. med. nauk

Modern treatment of tuberculosis of the urinary system. A review of foreign literature. Urologiia. 29 no.3:60-67 My-Je '64. (MIRA 18:10)

1. Urologicheskaya klinika (zav.- prof. I.M. Epshteyn) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

VERTEPOVA, V.M., kand. med. nauk; VOL'PYAN, Ye.L., kand. med. nauk; RAMENSKIY, S.B., kand. med. nauk

Experimental enteroplasty of the urinary bladder. Urologiia 29 no.1:22-25 '64. (MIRA 17:8)

1. Urologicheskaya klinika (zav. - prof. I.M. Epshteyn) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

VERTEPOVA, V.M., dots.; VOL'FYAN, Ye.L., ass.; ZAMIKHOVSKIY, I.Z., ass.; RAMENSKIY, S.B., prepod.; SOROKINA, M.I., prepod.; EPSHTEYN, I.M., prof., red.; SHCHUKIN, P.I., red.;

[Methodological instructions for practical work in urology] Metodicheskie ukazaniia k prakticheskim zaniatiiam po urologii. Pod red. I.M.Epshteina. Moskva, 1963. 37 p. (MIRA 16:12)

1. Moscow. Pervyy meditsinskiy institut.
(UROLOGY—HANDBOOKS, MANUALS, ETC.)

VOL'PYAN, Ye.L., kand.med.nauk

Complications in antibiotic therapy in urological practice.
Urologiia no.3:69-75 '62. (MIRA 15:5)

1. Iz urologicheskoy kliniki (zav. - prof. I.M. Epshteyn) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(ANTIBIOTICS--TOXICOLOGY) (UROLOGY)

VOL'FSON, Ye.L., kand. med. nauk

Biopsy of the urinary bladder in the diagnosis of renal tuberculosis. Sovet. med. 26 no.5:71-74 My '63 (MIRA 17:1)

1. Iz urologicheskoy kliniki (zav. - prof. I.M. Epshteyn) I Moskovskogo meditsinskogo instituta imeni I.M.Sechenova.

VOL'PYAN, Ye. L., kand. med. nauk.

Blockade of the spermatic cord in men and the round ligament of the uterus in women in renal colic and acute appendicitis. Khirurgiia, Moskva 34 no.11:70-75 N '58. (MIRA 12:1)

1. Iz kafedry urologii (zav. - prof. I.M. Epshteyn) I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova.

(KIDNEYS, calculi
colic, ther. spermatic cord block & round ligament block (Rus))
(APPENDICITIS, ther.
spermatic cord & round ligament block (Rus))
(ANESTHESIA, REGIONAL, in various dis.
spermatic cord & round ligament block in renal colic & acute appendicitis (Rus))

VOL'PYAN, Ye. L.

Spontaneous necrosis (infarct) of the testicle. Urologiia 23 no.3:64-65 My-Je '58 (MIRA 11:6)
(TESTES, dis.
spontaneous necrosis (Rus))

VOL'FYAN, Ye. I.

VOL'FYAN, Ye.L., kand.med.nauk

Problem of postoperative recurrence of nephrolithiasis. Urologiia 22 no.4:13-16 Jl-Ag '57. (MIRA 10:10)

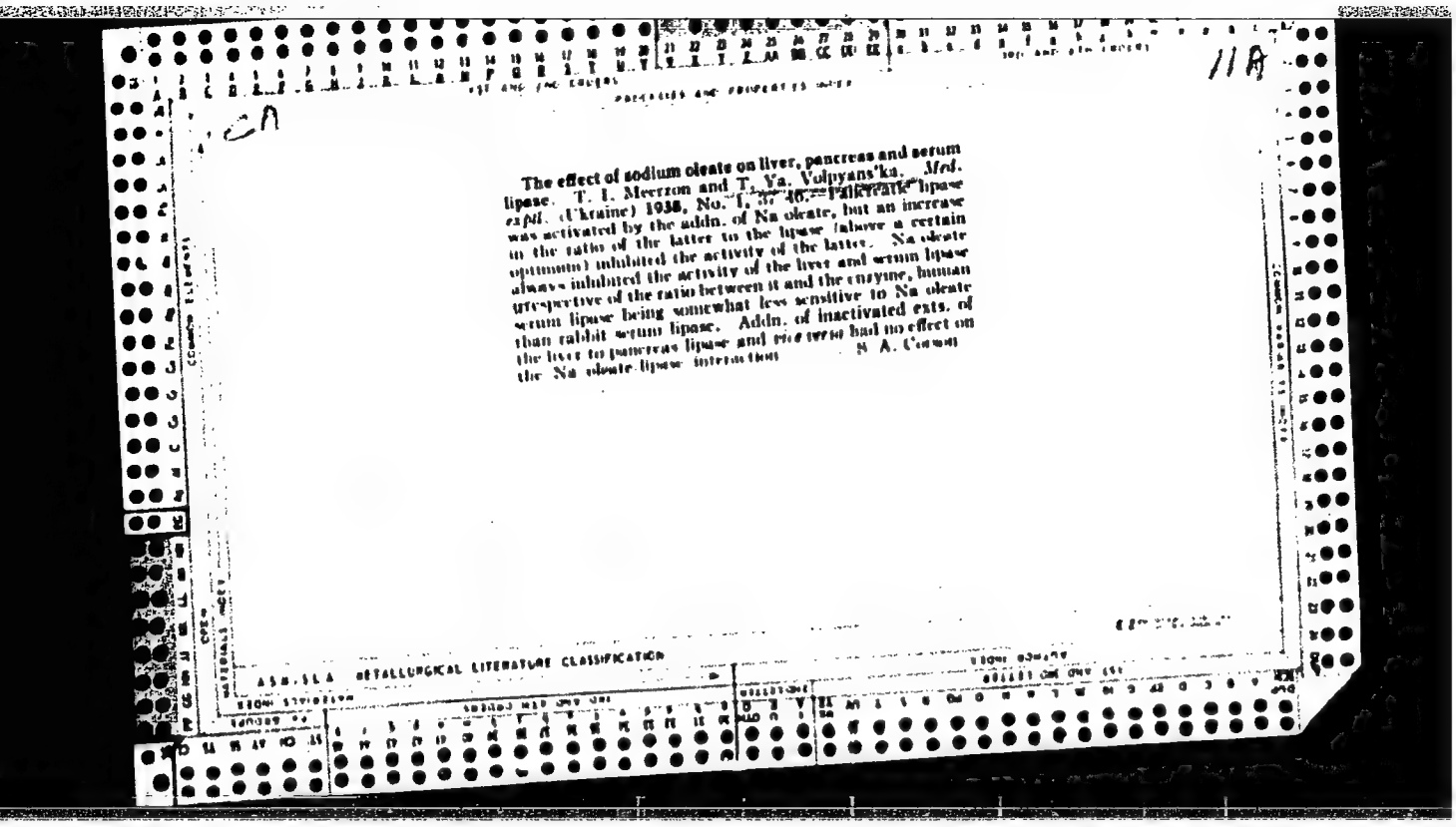
1. Iz kafedry urologii (zav. - prof. I.M.Epshteyn) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.
(KIDNEYS, calculi,
postop. recur. (Rus))

VOL'PYAN, YE. L.

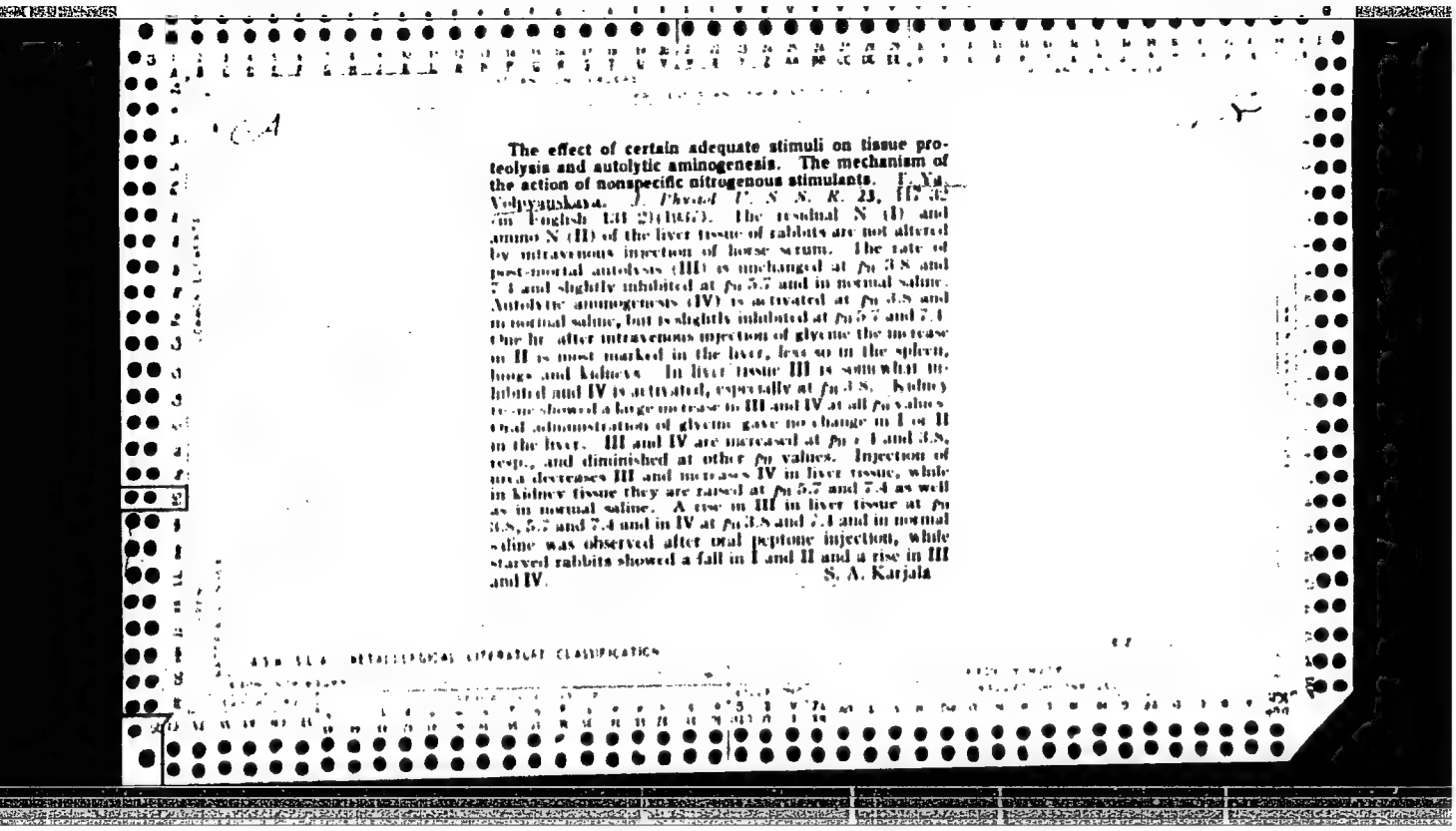
Vol'pyan, Ye. L.

"Anomalies of the ureter (the clinical aspects, diagnosis, and treatment)." First Moscow Order of Lenin Medical Inst. Moscow, 1955. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 25, 1956

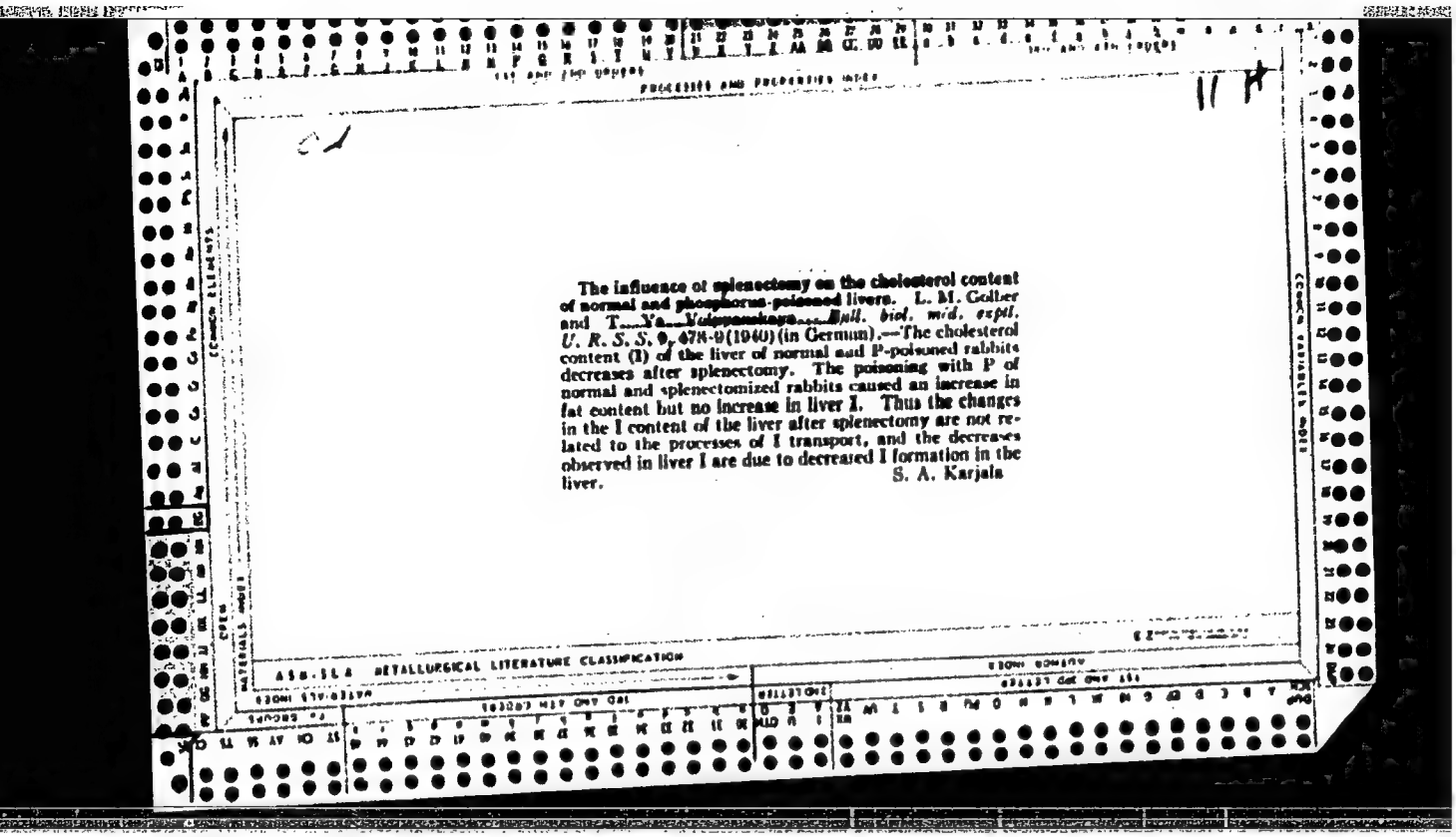


The effect of sodium oleate on liver, pancreas and serum lipase. T. I. Meerzon and T. Ya. Volpyans'ka. *Med. zapil.* (Ukraine) 1938, No. 1, 37-46.—Pancreatic lipase was activated by the addn. of Na oleate, but an increase in the ratio of the latter to the lipase (above a certain optimum) inhibited the activity of the latter. Na oleate always inhibited the activity of the liver and serum lipase irrespective of the ratio between it and the enzyme, human serum lipase being somewhat less sensitive to Na oleate than rabbit serum lipase. Addn. of inactivated exts. of the liver to pancreas lipase and *vice versa* had no effect on the Na oleate-lipase interaction. S. A. Cowan



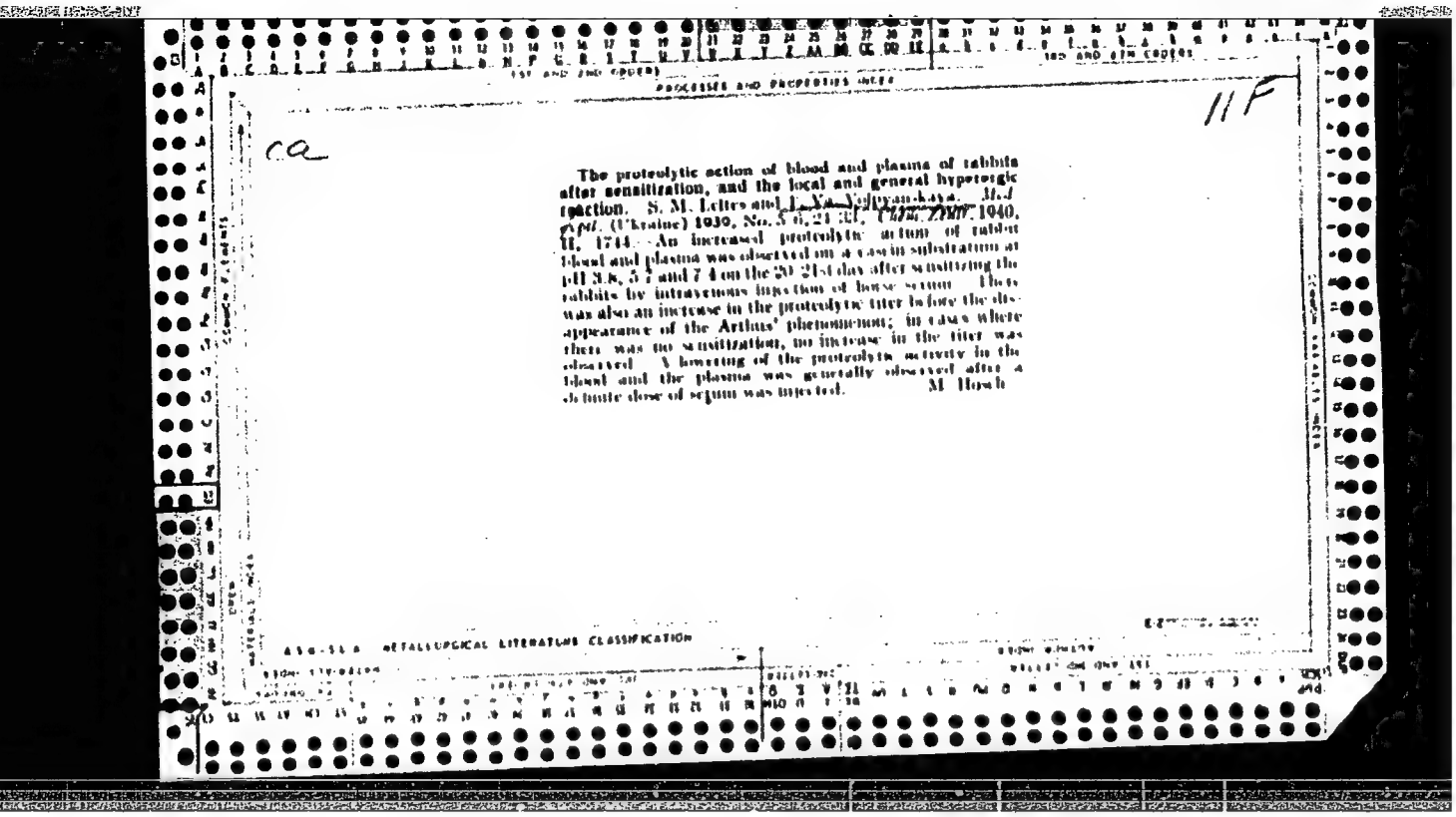
The effect of certain adequate stimuli on tissue proteolysis and autolytic aminogenesis. The mechanism of the action of nonspecific nitrogenous stimulants. I. Ya. Volpyanskaya. *J. Physiol. U. S. S. R.* 23, 1137-52 (in English 1151-2)(1937). The residual N (I) and amino N (II) of the liver tissue of rabbits are not altered by intravenous injection of horse serum. The rate of post-mortal autolysis (III) is unchanged at *p*H 5.8 and 7.4 and slightly inhibited at *p*H 5.7 and in normal saline. Autolytic aminogenesis (IV) is activated at *p*H 5.8 and in normal saline, but is slightly inhibited at *p*H 5.7 and 7.4. One hr. after intravenous injection of glycine the increase in II is most marked in the liver, less so in the spleen, lungs and kidneys. In liver tissue III is somewhat inhibited and IV is activated, especially at *p*H 5.8. Kidney tissue showed a huge increase in III and IV at all *p*H values. Oral administration of glycine gave no change in I or II in the liver. III and IV are increased at *p*H 7 and 5.8, resp., and diminished at other *p*H values. Injection of urea decreases III and increases IV in liver tissue, while in kidney tissue they are raised at *p*H 5.7 and 7.4 as well as in normal saline. A rise in III in liver tissue at *p*H 5.8, 5.7 and 7.4 and in IV at *p*H 5.8 and 7.4 and in normal saline was observed after oral peptone injection, while starved rabbits showed a fall in I and II and a rise in III and IV.

S. A. Karjala



The influence of splenectomy on the cholesterol content of normal and phosphorus-poisoned livers. L. M. Golter and T. Ya. Yakovenkova. *Bull. biol. med. exptl. U. R. S. S.* 9, 478-9 (1940) (in German).—The cholesterol content (I) of the liver of normal and P-poisoned rabbits decreases after splenectomy. The poisoning with P of normal and splenectomized rabbits caused an increase in fat content but no increase in liver I. Thus the changes in the I content of the liver after splenectomy are not related to the processes of I transport, and the decreases observed in liver I are due to decreased I formation in the liver.

S. A. Karjala



PROCESSES AND PROPERTIES INDEX

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The proteolytic action of blood and plasma of rabbits after sensitization, and the local and general hypergic reaction. S. M. Lehrer and I. Ya. Volkovinskaya. *Mikrobiol. Zhur. (Ukraine)* 1939, No. 5-6, 21-31; *Chem. Zentr.* 1940, II, 1744.—An increased proteolytic action of rabbit blood and plasma was observed on a casein substratum at pH 3.8, 5.7 and 7.4 on the 20–21st day after sensitizing the rabbits by intravenous injection of horse serum. There was also an increase in the proteolytic titer before the disappearance of the Arthus' phenomenon; in cases where there was no sensitization, no increase in the titer was observed. A lowering of the proteolytic activity in the blood and the plasma was generally observed after a definite dose of serum was injected. M. Hoch

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

POKHIL, P.F.; VOLPYANSKIY, A.Ye.; MAL'TSEV, V.M.; LOGACHEV, V.S.; SELEZNEV, V.A.

Sapphire light conductor for measurement of energy radiated from the flame torch zone toward the burning surface of a powder charge. Zhur. fiz. khim. 39 no.5:1281-1282 My '65. (MIRA 18:8)

1. Institut khimicheskoy fiziki AN SSSR.

VOLFYANSKIY, I.M.; GORSHKOV, A.A., doktor tekhnicheskikh nauk, retsenzent; ZHAROV, M.T., doktor tekhnicheskikh nauk, retsenzent; ZAKHAROVA, B.P., inzhener, redaktor; DUGINA, I.A., tekhnicheskiy redaktor

[Casting iron in metallic molds] Chugunnoe lit'e v metallicheskie formy. Pod red. B.P.Zakharova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 52 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.8) [Microfilm] (MLRA 8:2)
(Iron founding)

VOLP'ANSKII, L. M.

Novaia liteinaia mashina. (Vestn. Mash., 1951, no. 4, p.65-66)

(The new foundry machine.)

DLC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union Library of Congress, 1953.

VOLPYANSKIY, L. M.

USSR/Metals - Cast Iron, Wear Dec 51

"Wear Resistance of Cast Iron in Permanent Mold Castings," L. M. Volpyanskiy, Engr, Cen Lab of Min of Transport Mach Bldg

"Litey Proizvod" No 12, pp 23, 24

Presents results of comparative wearing tests of piston-ring blanks cast into metal mold centrifugally and into dry sand molds. Discusses neg effect of dendritic and dotted forms of graphite inclusions and their elimination. Graphitizing annealing of permanent mold castings is considered best method for obtaining metal of high wear resistance and strength.

203T94

GILEV, V.S.; OSIN, I.A.; VOLPYANSKIY, L.M., redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Making moulds for small castings] Formovka melkikh otlivok. Pod. red. L.M.Volpianskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 37 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.5) [Microfilm]
(Founding) (MLRA 8:2)

VOLFYANSKIY, L M

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Chugunnoye lit'ye v metallicheskiye formy (Iron casting in metallic molds) Moskva, Mashgiz, 1954.
52 p. diagrs. (Nauchno-populyarnaya biblioteka rabochego liteyshchika, vyp8)

BLANK, Emmanuil Markovich; VOLPYANSKIY, L.M., redaktor; ANAN'IN, A.G., inzhener, retsenzent; ZAKHAROV, B.P., inzhener, retsenzent; DUGINA, N.A., tekhnicheskiy redaktor.

[Iron casting] Chugunnye otlivki. Pod red. L.M. Volpianskogo. Moskva, Ges. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 59 p.
(Iron founding) (MLRA 9:5)

VOLPYANSKIY, L.M.; ZAKHAROV, B.P., redaktor; ZHAROV, kandidat tekhnicheskikh nauk, retsenzent; KALETINA, A.V., inzhener, redaktor; DUGINA, N.A., tekhnicheskiy redaktor.

[Machine molding] Mashinnaia formovka. Pod red. B.P.Zakharova, Moskva, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1955. 62 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.7) (MLRA 8:11)

(Molding(Founding))

AMAN'IN, AnatoliyAndreyevich; CHERNOBROVKIN, Viktor Petrovich; GORSHKOV, A.A., redaktor; VOLFYANSKIY, L.M., redaktor; BORETSKIY, A.A., retsenzent; DUGINA, N.A., tekhnicheskiy redaktor

[Smelting iron in cupola-furnaces] Plavka chuguna v vagranke. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1955. 66 p. (MLRA 9:3)

(Cast iron) (Cupola furnaces)

VOLFYANSKIY, Lev Markovich; GORSHKOV,A.A., doktor tekhnicheskikh nauk, redaktor; DUBITSKIY,G.M., kandidat tekhnicheskikh nauk, retsenzent; ZAKHAROV,B.P., inzhener, retsenzent; DUGINA,N.A., tekhnicheskiy redaktor

[Casting and hardening metals] Razlivka i zatverdevanie metalla. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry 1955. 80 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no. 13) (Founding) (MLRA 9:3)

OVCHINNIKOV, Viktor Alekseyevich; LIBENSON, Zyama Mikhaylovich; SAMBUR, Anatoliy Mikhaylovich; VOLPYANSKIY, L.M., inzhener, retsenzent; DOVGOPOL, V.I., inzhener, redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Shell molding at the Ural Car Factory] Lit'e v obolochkovye formy na Uralvagonzavode. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 38 p. (MLRA 9:12)
(Shell molding (Founding))

PANIN, Ivan Dmitriyevich; IL'IN, S.S., inzhener, retsenzent (Chelyabinskiy traktornyy zavod); PAZYURA, A.M., inzhener, retsenzent (Chelyabinskiy traktornyy zavod); VOLPYANSKIY, L.M., inzhener, redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Efficient founding; the experience of the "Sibsel'mash" plant] Ratsionalizatsiia liteinogo proizvodstva; iz opyta "Sibsel'masha." Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 47 p. (MIRA 9:11)

(Founding)

KUZNETSOV, Georgiy Aleksandrovich; BORETSKIY, A.A., dotsent, retsenzent; VOLPYANSKIY, L.M., redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Copper alloy castings] Otlivki iz mednykh splavov. Pod red. L.M.Volpianskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 56 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.18) (MLRA 9:8)
(Copper alloys--Metallurgy)

Volpyanskiy, L.M.

DOKSHITSKAYA, Aleksandra Iosifovna; GORLACH, Ivan Artemovich; KHOLODOV, A.I., kandidat tekhnicheskikh nauk, retsenzent; VOLPYANSKIY, L.M., redaktor; DUGINA, N.A., tekhnicheskikh redaktor

[Electric furnace smelting of steel for founding shapes] Vyplavka stali dlia fasonnogo lit'ia v elektropechakh. Pod red. L.M. Volpianskogo. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1956. 58 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.12) (MLRA 10:6)
(Smelting) (Electric furnaces)

VOLPYANSKIY, L.M.

ROMANOV, Aleksandr Anisimovich; RAZUMOV, V.N., kandidat tekhnicheskikh nauk, retsenzent; VOLPYANSKIY, L.M., redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Trimming and cleaning castings] Obrubka i ochistka otlivok. Pod red. L.M.Volpianskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 62 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.14) (MLRA 10:3)
(Founding)

VOLPYANSKIY, L.M.

OREShKIN, Vladimir Dmitriyevich; SHESTOPAL, V.M., kandidat tekhnicheskikh nauk, retsenzent; YUDIN, S.T., inzhener, retsenzent; VOLPYANSKIY, L.M., inzhener, redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Founding fundamentals] Osnovy liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 339 p. (MLRA 10:4)
(Founding)

VOLPYANSKIY, L.M.

KUZNETSOV, Mikhail Yakovlevich; SKVORTSOV, Aleksey Anatol'yevich; SMOLYAKOV, Nikolay Nikolayevich; ZORKIN, B.F., kandidat tekhnicheskikh nauk, retsenzent; BORETSKIY, A.A., dotsent, otvetstvennyy redaktor; VOLPYANSKIY, L.M., inzhener, redaktor; GINZBURG, M.R., inzhener, redaktor; DUBAKOV, A.F., inzhener, redaktor; ZAKHAROV, B.P., inzhener, redaktor; ZVEREV, K.M., inzhener, redaktor; KOKOVINA, A.S., inzhener, redaktor; KRESTNIKOV, B.A., inzhener, redaktor; RAZUMOVA, M.S., inzhener, redaktor; SIDORENKO, R.A., inzhener, redaktor; ROZENBERG, I.A., kandidat tekhnicheskikh nauk, redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Foundry worker's handbook] Spravochnik rabochego-liteishchika. Izd. 2-oe, dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 634 p. (MLRA 10:4)
(Founding)

VOLPYANSKIY, Lev Markovich; POPOV, A.D., kandidat tekhnicheskikh nauk, retsenzent; GORSHKOV, A.A., doktor tekhnicheskikh nauk, professor, redaktor; YERMAKOV, N.P., tekhnicheskiy redaktor

[Charge for iron and steel casting] Shikhta dlia chugunnogo i stal'nogo lit'ia. Pod red. A.A.Gorshkova. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1957. 61 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.10) (MLRA 10:8)
(Open hearth process)

ROMANOV, A.A.; VOLFYANSKIY, L.M., red.; CHILIKINA, N.D., inzh. red.

[Trimming and cleaning of castings] Obrubka i ochistka otlivok. Izd.2., perer. Moskva, Izd-vo "Mashinostroenie," 1964. 55 p. (MIRA 17:8)

GORSHKOV, O.A.; VOLFYANSKIY, L.M., red.; CHILIKINA, N.D., inzh., red.

[Precision casting] Lit'e po vyplavliaemym modeliam. Izd. 2., perer. Moskva, Izd-vo "Mashinostroenie," 1964. 50 p. (MIRA 18:1)

VOLPYANSKIY, L.M.; CHILIKINA, N.D., inzh., red.

[Casting in permanent molds] Lit'e v metallicheskie formy. Izd.3., perer. Moskva, Izd-vo "Mashinostroenie," 1964. 53 p. (MIRA 17:8)

MYSHALOV, S.V.; VOLIYANSKIY, L.M., red.; CHILIKINA, N.D., inzh.red.

[Die casting] Lit'e pod davleniem. Izd.2., perer. Moskva, Izd-vo "Mashinostroenie," 1964. 49 p.
(MIRA 17:8)

VOLPYANSKIY, L.M.

[Casting and solidification of metals] Razlivka i zatverdevanie metalla. Izd.2., perer. Moskva, Izd-vo "Mashinostroenie," 1964. 60 p. (MIRA 17:7)

DOKSHITSKAYA, A.I.; GORLACH, I.A.; VOLFYANSKIY, L.M., red.;
CHILIKINA, N.D., inzh., red.

[Electric furnace smelting of steel for shape casting]
Vyplavka stali dlia fasonnogo lit'ia v elektropechakh.
Izd.2., perer. Moskva, Izd-vo Mashinostroenie, 1964. 55 p.
(MIRA 17:8)

ZAKHAROV, B.P.; VOLFYANSKIY, L.M., red.

[Heat treatment of castings] Termicheskaia obrabotka otlivok. Moskva, Mashinostroenie, 1965. 40 p. (MIRA 18:5)

VOLPYANSKIY, Lev Markovich; DUGINA, N.A., tekhn. red.

[Machine molding]Mashinnaia formovka. Izd.3. Moskva, Mashgiz, 1962. 76 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.7) (MIRA 16:2)
(Machine molding (Founding))

KUZELEV, Mikhail Yakovlevich; SKVORTSOV, Aleksey Anatol'yevich; SMELYAKOV, Nikolay Nikolayevich; DUBITSKIY, G.M., doktor tekhn. nauk, retsenzent; ZOBNIN, B.F., kand. tekhn. nauk, retsenzent; KOROTKOV, V.G., kand. tekhn. nauk, retsenzent; LEVCHENKO, P.V., kand. tekhn.nauk, retsenzent; MAKURIN, P.I., kand. tekhn. nauk, retsenzent; PASTUKHOV, A.I., kand. tekhn. nauk, retsenzent; PORUCHIKOV, Yu.P., kand. tekhn. nauk, retsenzent; ROZENBERG, I.A., kand. tekhn. nauk, retsenzent; SERGEICHEV, N.F., kand. tekhn. nauk, retsenzent; FILIPPOV, A.S., kand. tekhn. nauk, retsenzent; YAROSHENKO, Yu.G., kand. tekhn. nauk, retsenzent; BAZAROVA, N.V., inzh., retsenzent; BLANK, E.M., inzh., retsenzent; VOLPYANSKIY, L.M., inzh., retsenzent; ZAKHAROV, B.P., inzh., retsenzent; MYSHALOV, S.V., inzh., retsenzent; RAZUMOVA, M.S., inzh., retsenzent; SHABALIN, L.A., inzh., retsenzent; SHKUNDI, R.M., inzh., retsenzent; DUGINA, N.A., tekhn. red.

[Handbook of foundry practice] Spravochnik rabochego-liteishchika. Izd.3. Moskva, Mashgiz, 1961. 584 p. (MIRA 15:4)

(Founding--Handbooks, manuals, etc.)

PORUCHIKOV, Yuriy Pavlovich; KHAZIN, Genrikh Leonidovich; VOLPYANSKIY, L.M., inzh., retsenzent; LOS'KOV, D.I., dots., red.; DUGINA, N.A., tekhn. red.

[Automatic control of the preparation and distribuion of molding mixtures] Avtomatizatsiia prigotovleniia i razdachi formovochnoi smesi. Moskva, Mashgiz. 1962. 175 p. (MIRA 15:4)
(Molding (Founding)) (Automatic control)

OVSYANNIKOV, Konstantin Matveyevich; PORUCHIKOV, Yu.P., kand. tekhn. nauk, retcenzent; VOLPYANSKIY, L.M., red.; MARCHENKOV,I.A.,tekhn.red.

[Principles of the automation of foundry practice]Osnovy avtomatizatsii liteinogo proizvodstva. Pod red. L.M. Volpianskogo. Moskva, Mashgiz, 1960. 50 p. (Nauchno-popyliarnaia biblioteka rabochego-liteishchika, no.30) (MIRA 16:2)

(Founding) (Automation)

SHIPILIN, Boris Il'ich; VOLPYANSKIY, L.M., red.; DUGINA, N.A., tekhn. red.

[Coremaking]Izgotovlenie sterzhnei. Izd.2., Pod red. L.M. Volpianskogo. Moskva, Mashgiz, 1962. 61 p. (Nauchno-populiarnaia biblioteka rabochego -liteishchika, no.4)
(MIRA 16:2)

(Coremaking)

GORSHKOV, Oleg Andreyevich; VOLPYANSKIY, L.M., inzh., red.; PERSHIN, P.S., inzh., retsenzent; DUGINA, N.A., tekhn.red.

[Precision casting] Lit'e po vyplavliaemym modeliam. Pod red. L.M.Volpianskogo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 43 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.10). (MIRA 14:4)
(Precision casting)

VOLKOVA, Lyudmila Andreyevna; VOLPYANSKIY, L.M., inzh., red.; DUGINA, N.A., tekhn. red.

[Metal melting in induction furnaces] Plavka metalla v induktsionnykh pechakh. Pod red. L.M.Volpianskogo. Moskva, Mashgiz, 1961. 59 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.17) (MIRA 15:3)
(Electric furnaces)
(Foundries--Equipment and supplies)

POPOV, Andrey Dmitriyevich; BUGROV, F.I., retsenzent; VOLPYANSKIY, L.M., inzh., red.; DUGINA, N.A., tekhn. red.

[Foundry practice and the design of foundries] Rabota liteinykh tsekhov i ikh proektirovanie. Pod red. L.M.Volpianskogo. Moskva, Mashgiz, 1962. 44 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.32) (MIRA 15:7)

(Founding)

BOGORODSKIY, Aleksandr Leonidovich; VOLPYANSKIY, L.M., inzh., red.; CHILIKINA, N.D., inzh., ved. red.; DUGINA, N.A., tekhn. red.

[Steel smelting in open-hearth furnaces] Plavka stali v martenovskikh pechakh. Pod red. L.M.Volpianskogo . Moskva, Mashgiz, 1961. 45 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.18) (MIRA 15:3)
(Open-hearth furnaces) (Steel-Metallurgy)

OVSYANNIKOV, Konstantin Matveyevich; RAZUMOV, V.N., .kand.tekhn.nauk, retsenzent; VOLPYANSKIY, L.M., inzh., red.; DUGINA, N.A., tekhn.red.

[Over-all mechanization in foundries] Kompleksnaia mekhanizatsiia v liteinykh tsekhakh. Pod red. L.M.Volpianskogo. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 76 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, vyp.29)
(MIRA 14:1)

(Foundries--Equipment and supplies)

MAKURIN, Pavel Ivanovich; PINKEYEV, V.F., inzh., retsenzent; VOLPYANSKIY, L.M., inzh., red.; DUGINA, N.A., tekhn.red.

[Safety techniques in foundries] Tekhnika bezopasnosti v liteinykh tsekhakh. Pod red. L.M.Volpianskogo. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1959. 62 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.30). (MIRA 13:5)
(Foundries--Safety measures)

PHASE I BOOK EXPLOITATION SOV/3665

Volpyanskiy, Lev Markovich

Lit'ye v metallicheskiye formy (Mold Casting) 2nd ed.
Moscow, Mashgiz, 1958. 60 p. (Series: Nauchno-populyarnaya biblioteka rabochego-liteyshchika, vyp. 8) 8,500 copies printed.

Ed.: B.P. Zakharov; Reviewers: A.A. Gorshkov, Doctor of Technical Sciences; N.T. Zharov, Candidate of Technical Sciences; Executive Ed. (Ural-Siberian Division, Mashgiz): M.A. Bezukladnikov, Engineer; Tech. Ed.: N.A. Dugina.

PURPOSE: This booklet, one of the second series of the Foundryman's Popular Science Library, is intended to acquaint readers who have no special technical education with present-day founding practice.

COVERAGE: The author describes in a popular style the fundamentals of permanent-mold casting, the variety of metal molds, machines and equipment used in founding practice, and also the casting of aluminum and steel and the organization of and outlook for metal mold casting. No personalities are mentioned. Recommended literature includes 5 books, all Soviet.

Card 1/ 3

Mold Casting SOV/3665

TABLE OF CONTENTS:

Card 2/3

AVAILABLE: Library of Congress

Card 3/3

VK/mas
6-27-60

MYSHALOV, Saul Vul'fovich; VOLPYANSKIY, L.M., red.; ZAKHAROV, B.P., red.; DUGINA, N.A., tekhn.red.

[Casting under pressure] Lit'e pod davleniem. Pod red. L.M. Volpianskogo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1959. 44 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.11). (MIRA 13:3)
(Die casting)

PISARENKO, Grigoriy Andreyevich; FILIPPOV, Aleksandr Semenovich; VOLPYANSKIY, L.M., red.; SKOROBOGACHEVA, A.P., red.izd-va; TURKINA, Ye.D., tekhn.red.

[Founding metallurgical equipment of cast iron with spheroidal graphite] Otlivki metallurgicheskogo oborudovaniia iz chuguna s sharovidnym grafitom. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 206 p. (MIRA 13:3)

(Iron founding)
(Metallurgical plants--Equipment and supplies)

( )

SOV/128-59-5-34/35

AUTHOR: Volpyanskiy, L.M., Engineer

TITLE: Book Review

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 3, pp 47 (USSR)

ABSTRACT: A new book is listed with a brief description of it.

Card 1/1

MIKLUKHIN, Dmitriy Yefimovich; VOLPYANSKIY, L.M., redaktor; DUGINA, M.A., tekhnicheskiy redaktor.

[Aluminum alloy casting] Otlivki iz aliuminievykh splavov. Pod red. L.M.Volpianskogo. Moskva, Ges.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 49 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.17). (MLRA 9:5)
(Aluminum founding)

FILIPPOV, Aleksandr Semenovich; VOLPYANSKIY, L.M., red.; DUGINA, N.A., tekhn. red.

[Steel castings] Stal'nye otlivki. Pod red. L.M. Volpianskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 59 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.16). (MIRA 11:7)

(Steel castings)

VOLYANSKIY, Lev Markovich; ZHAROV, N.T., kand.tekhn.nauk, retsenzent; ZAKHAROV, B.P., red.; SARAPANTSEVA, G.A., tekhn.red.

[Machine molding] Mashinnaia formovka. Pod red. B.P.Zakharova. Izd.2-oe. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 72 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.7) (MIRA 11:4)
(Machine molding (Founding))

VOLPYANSKIY, L.M.

PLOTNIKOV, Ivan Mikhaylovich; RAZUMOV, Valer'yan Nikitich; OBORINA, Valentina Ivanovna; RAZUMOVA, Marshida Salimovna; KUZNETSOV, Nikolay Vladimirovich; KORYAKOV, Aleksey Nikiforovich; VOLPYANSKIY, L.M., inzh., retsenzent; SARAFANNIKOVA, G.A., tekhn.red.

[Assembly line manufacture of shell forms] Potochnoe izgotovlenie obolochkovykh form. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 42 p. (MIRA 11:5)
(Shell molding (Founding))

VOLPYANSKIY, L.M.

PISARENKO, Grigoriy Andreyevich; AMAN'IN, A.A., inzh., retsenzent; VOLPYANSKIY, L.M., red.; SARAFANNIKOVA, G.A., tekhn.red.

[Cast iron with spheroidal graphite] Chugun s sharovidnym grafitom. Pod red. L.M.Volpianskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 47 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.21) (MIRA 11:4)
(Cast iron)

VOLPYANSKIY, Lev Markovich,; ZAKHAROV, B.P,red.; GORSHKOV, A.A., doktor tekhn. nauk,retsenzent,; ZHAROV, N.T., kand.tekhn.nauk,retsenzent,; LUGINA, K.A.,tekhn. red.

[Casting in metal molds] Lit'e v metallicheskie formy. Izd. 2. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 60 p.. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.8) .
(MIRA 11:12)

(Founding)